

portion is shorter than the other slits dividing the protruding portions in the width direction of the flexible wiring board or the narrowed portion has the aforementioned multi-layered structure thinner than that of the flexible wiring board, a similar advantage to that of the structure of Fig. 11B can be obtained. The combined flexible wiring board of Fig. 11B has one of the best structures for reducing influence of the thermal expansions of the respective flexible wiring boards upon the combined structure thereof.

IN THE CLAIMS:

Please amend claims 1 and 3-7 as follows:

1. (twice amended) A liquid crystal display device, comprising:

a liquid crystal display panel having, a pair of substrates arranged to oppose each other, a liquid crystal layer interposed between the pair of substrates, a plurality of pixels being formed along the liquid crystal layer;

a plurality of driving circuits for supplying signals to the pixels and being juxtaposed along one of edges of the liquid crystal display panel, the plurality of driving circuits being arranged adjacent one another and divided into a plurality of driving circuits groups having plural driving circuits along the one of the edges of the liquid crystal panel;

a printed circuit board having a control circuit mounted thereon which controls the plurality of driving circuits; and

a plurality of flexible wiring boards being juxtaposed along a direction in-which—the-plurality of driving circuits are juxtaposed, a respective one of the plurality of flexible wiring boards being provided for a respective one of the plurality of driving circuits groups, each of the plurality of flexible wiring boards having a connecting portion to be connected to the printed circuit board and protruded portions provided in correspondence with respective driving circuits of a respective driving circuits group, the protruded portions being spaced from one another and protruding toward

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the one of the edges of the liquid crystal display panel and having respective ends mounted on one of the pair of substrates at the one of the edges of the liquid crystal display panel, wherein

each of the plurality of flexible wiring boards receives a control signal from the control circuit through the connecting portion thereof and inputs the control signal sequentially to respective input sides of the respective driving circuits of the respective one of the driving circuit groups corresponding thereto, and each of the protruded portions thereof having at least one signal path thereof inputting the control signal to the input side of the driving circuits of the respective one of the driving circuits groups.

- 3. (amended) A liquid crystal display device according to claim 1, wherein the control signal is an enable signal sent from the control circuit to the plurality of driving circuits successively along the one of the edges of the liquid crystal panel through each of the plurality of flexible wiring boards and controls video signal acquisition by the respective driving circuits performed sequentially along the one of the edges of the liquid crystal panel.
- 4. (amended) A liquid crystal display device according to claim 1, wherein the printed circuit board is constructed to sequentially supply the control signal from said control circuit between said flexible wiring boards which are arranged adjacent to one another.
- 5. (twice amended) A liquid crystal display device according to claim 1, wherein a pair of the connecting terminals of a pair of the plurality of flexible wiring boards are arranged at respective sides of the pair of the plurality of flexible wiring boards which are adjacent to one another.

6. (twice amended) A liquid crystal display device according to claim 5, wherein the control circuit confronts a region between the pair of the connecting terminals of the pair of the plurality of flexible wiring boards.

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7. (amended) A liquid crystal display device according to claim 1, wherein the control signal being supplied to the driving circuits corresponding to the one of the plurality of flexible wiring boards is a starting signal, and controls video signal acquisition of each of the driving circuits corresponding thereto sequentially along the one of the edges of the liquid crystal display panel as transferred between the respective driving circuits corresponding thereto.

Please cancel claims 8-10 without prejudice or disclaimer of the subject matter thereof.

Please amend claims 11, 13 and 14 as follows:

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(amended) A liquid crystal display device according to claim 1, wherein at least one of the plurality of flexible wiring boards has another connecting portion outputting the control signal outputted from one of the driving circuits corresponding thereto.



(twice amended) A liquid crystal display device according to claim 12, 9 wherein the plurality of video signal lines are divided into groups in accordance with the driving circuits groups, and each of the groups includes a plurality of video signal lines adjacent to each other.

(twice amended) A liquid crystal display device, comprising:

a liquid crystal display panel having, a pair of substrates arranged to oppose each other, a liquid crystal layer interposed between the pair of substrates, a plurality of pixels being formed along the liquid crystal layer;

a plurality of driving circuits for supplying signals to the pixels and being juxtaposed along one of edges of the liquid crystal display panel, the plurality of driving circuits being arranged adjacent one another and divided into a plurality of driving circuits groups having plural driving circuits along the one of the edges of the liquid crystal panel;

a printed circuit board having a control circuit mounted thereon which controls the plurality of driving circuits; and

a flexible wiring board, which is arranged to extend along a direction in which the plurality of driving circuits are juxtaposed, consisting of a plurality of sections thereof provided in correspondence with the driving circuits groups and arranged in an extension direction thereof, each of the sections having a connecting portion to be connected to the printed circuit board, and having protruded portions thereof protruded toward the one of the edges of the liquid crystal display panel in correspondence with the respective driving circuits belonging to the one of the driving circuit groups and having respective ends mounted on one of the pair of substrates at the one of the edges of the liquid crystal display panel, the protruded portions being spaced from each other at the ends thereof, wherein

a flexible wiring board receives a control signal from the control circuit through one of the connecting portions of the sections thereof,

each of the protruded portions corresponds to one of the driving circuits has at least one signal path for the control signal to be connected to an input side of the driving circuit corresponding thereto,

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each region of the flexible wiring board between each pair of the sections which are adjacent to one another along the extension direction thereof is narrower than the rest thereof, and

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the control signal is inputted to each of the plurality of driving circuits sequentially along the one of the edges of the liquid crystal display panel and is transferred through each region between the sections of the flexible wiring board.

Please cancel claim 18 without prejudice or disclaimer of the subject matter thereof.

Please amend claim 16 as follows:

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wherein the flexible wiring board has multi-layered regions in the respective section thereof where a plurality of the conductive layers are stacked on each other, and the protruded portions and the each region between the sections are thinner than the multi-layered regions.

Please cancel claim 17 without prejudice or disclaimer of the subject matter thereof.

Please add the following new claims:

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3-16. A liquid crystal display device according to claim 1, wherein the flexible wiring board has a multi-layered region where a plurality of the conductive layers being stacked on each other, and the protruded portions thereof are thinner than the multi-layered regions.